

Claims

1. Use of methylphenidate and at least one of melatonin, a melatonin analogue, or one or more pharmaceutically acceptable salts or esters thereof, in the preparation of a medicament for the treatment of ADHD in a mammal, especially a human
5 being.

2. Use as claimed in claim 1 wherein the melatonin or melatonin analogue is employed in an amount of from 0.005 to 1.00 mg/kg in treating ADHD.

10 3. Use as claimed in any one of the preceding claims wherein the medicament is formulated as a controlled release preparation.

4. Use as claimed in any one of the preceding claims wherein the medicament is formulated as a solid oral formulation.

15 5. Use as claimed in any one of the preceding claims wherein the medicament additionally contains one or more substances selected from the group of stimulants, hormones, analogues of such hormones, phyto-hormones, analogues of such phyto-hormones, and anti-oxidants.

20 6. A method of preventing or treating ADHD disorder in a mammal, in particular a human, which comprises administering to said mammal a therapeutically effective amount of methylphenidate and one of melatonin, a melatonin analogue, or one or more pharmaceutically acceptable salts or esters thereof.

25 7. A method as claimed in claim 6, wherein methyl phenidate and melatonin are applied simultaneously.

8. A method as claimed in claim 6, wherein methyl phenidate and melatonin
30 are applied subsequently.

9. A method as claimed in claim 8, wherein melatonin is administered following the administration of methyl phenidate.

10. A pharmaceutical composition comprising, as active ingredients, methylphenidate and at least one of melatonin, a melatonin analogue, or one or more pharmaceutically acceptable salts or esters thereof, in conjunction with a pharmaceutically acceptable carrier.

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11. A pharmaceutical composition according to claim 10 comprising, as active ingredients, methylphenidate and melatonin, in conjunction with a pharmaceutically acceptable carrier.

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12. Use of methylphenidate and at least one of melatonin, a melatonin analogue, or one or more pharmaceutically acceptable salts or esters thereof as claimed in claim 1, wherein methylphenidate and at least one of melatonin, a melatonin analogue, or one or more pharmaceutically acceptable salts or esters thereof are comprised in separate forms of administration.

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